



3-Minute Pitch to Policymakers

3-Minute Pitch

Sending targeted, relevant research evidence to the right people at the right time.



MODERATOR



Dr. Gloria Nenita Velasco

Medical Officer IV
Health Policy Development
and Planning Bureau
Department of Health

PANEL OF JUDGES

Ms. Arlene S. Ruiz

Chief Economic Development Specialist, NEDA



PANEL OF JUDGES

Ms. Barbara Michelle De Guzman

Senior Health Program Officer

Health Policy Development and Planning Bureau

Department of Health



PANEL OF JUDGES



**Dr. Cecilia Cristina
Santos-Acuin**

Senior Scientist
Human Nutrition
International Rice Research
Institute

PANEL OF JUDGES



Dr. Eva Maria C. Cutiongco-Dela Paz

Executive Director
University of the Philippines-Manila,
National Institutes of Health

PANEL OF JUDGES



Dr. Pedro P. San Diego

Acting Head, Management Services
Office
Philippine Heart Center

RULES

1. The time allotted to present the research project is strictly three (3) minutes only and competitors exceeding 3 minutes will have deductions to their final score.
2. Only **one single static PowerPoint slide** is permitted (without any slide transitions, animations or 'movement' of any description; the slide is to be presented at the start of the pitch).
3. **No additional electronic media** (e.g. sound and video files) are permitted.
4. **No additional props** (e.g. costumes, musical instruments, laboratory equipment) are permitted.



RULES

5. The **pitch shall be delivered without reading of script**, in any form.
6. Presentations are to be **spoken word** (i.e. no poems, raps or songs).
7. Presentations are considered to have **commenced when the timer starts and ends when it signals stop**.
8. The decision of the adjudicating panel is **final**.



Criteria for Judging

Comprehension

35%

- | | |
|--|------------|
| <ul style="list-style-type: none">• Did the presentation provide an understanding of the background and significance to the research question being addressed, while explaining terminology and avoiding jargon? | 15% |
| <ul style="list-style-type: none">• Did the presentation clearly describe the impact and/or results of the research, including conclusions and outcomes? | 10% |
| <ul style="list-style-type: none">• Did the presentation follow a clear and logical sequence? | 10% |



Criteria for Judging

Communication Style	35%
<ul style="list-style-type: none">• Were the topic, research significance, results/impact and outcomes communicated in language appropriate to an intelligent non-specialist audience?	10%
<ul style="list-style-type: none">• Did the speaker avoid scientific jargon, explain terminology and provide adequate background information to illustrate points?	10%
<ul style="list-style-type: none">• Did the speaker have sufficient stage presence, eye contact and vocal range; maintain a steady pace, and have a confident stance?	5%
<ul style="list-style-type: none">• Did the presenter spend adequate time on each element of their presentation - or did they elaborate for too long on one aspect or was the presentation rushed?	5%
<ul style="list-style-type: none">• Did the PowerPoint slide enhance the presentation - was it clear, legible, and concise?	5%

PRIZES

1st Place: Php 30,000

2nd Place: Php 20,000

3rd Place: Php 10,000

People's Choice Award: Php 5,000



Visit the 13th PNHRS Week Celebration Exhibit

2nd Level (in front of Marks & Spencer), Limketkai Mall, Cagayan de Oro City

Exhibit Schedule

August 14

4:00 PM

Opening of Exhibits

August 15 – 16

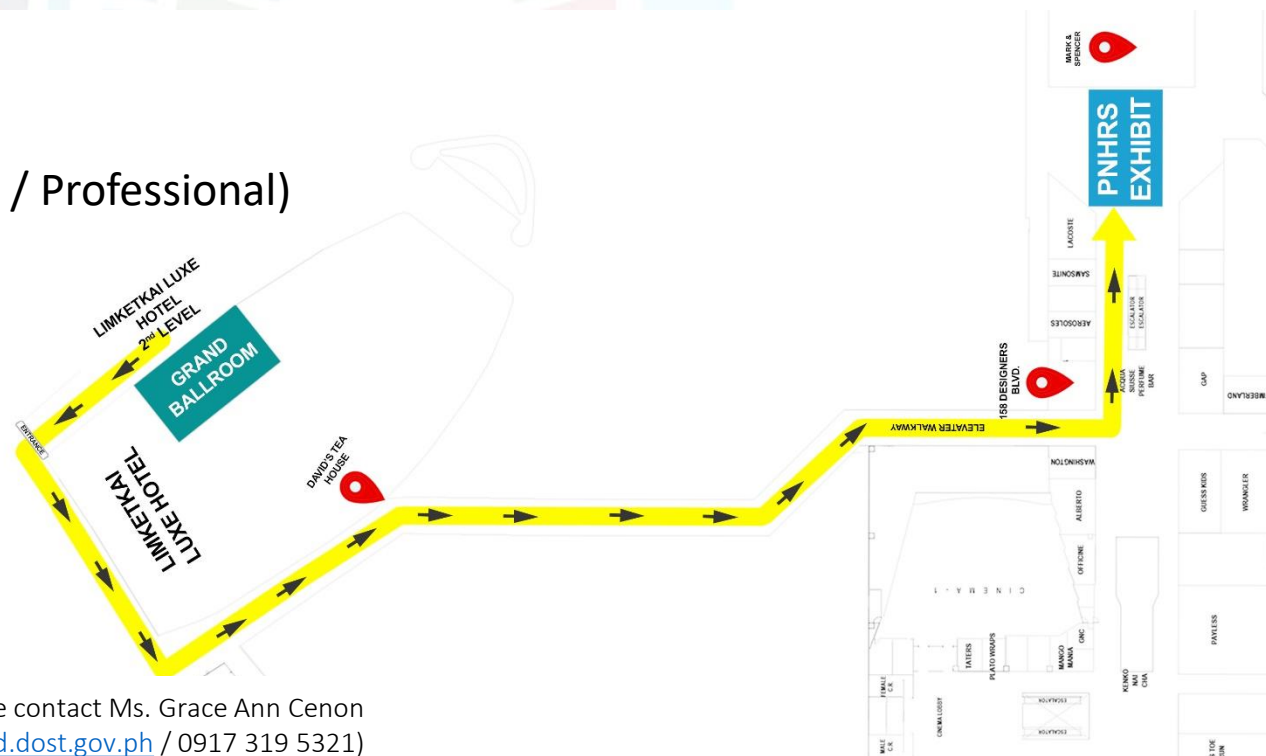
10:00 AM – 6:00 PM

Viewing of Exhibits

WHAT TO EXPECT:

- Research Posters (Student / Professional)
- Consortium Posters
- Interactive games

SEE YOU THERE!!!



For more information, please contact Ms. Grace Ann Cenon
(gacenon@pchrd.dost.gov.ph / 0917 319 5321)





3-Minute Pitch to Policymakers

Contestant No. 1:

***Buccal Cell Micronuclei among
Betel Quid Chewers and Non-Betel
Quid Chewers***

Dr. Benkassar A. Abdurajak
Panamao District Hospital
Region IX



BUCCAL CELL MICRONUCLEI AMONG BETEL QUID CHEWERS AND NON-BETEL QUID CHEWERS



Figure 1. Components of betel quid; A. betel piper vine leaf, B. Areca nut, C. lime from ground and burnt sea shells, D. tobacco.



alamy stock photo



Micronucleus

Betel Quid Facts:

- Carcinogenic
- Cheap and easily accessible
- Addictive
- Causes Oral Cancer
- Causes higher number of micronucleus in oral mucosa cells

Research Finding:
Higher micronucleus frequency among betel quid chewers group than non-chewers

SOLUTION:

- ✓ Micronucleus Test as Screening Tool For Oral Cancer
- ✓ Health Education
- ✓ Policy Making

BENKASSAR A. ABDURAJAK, MD, MPH

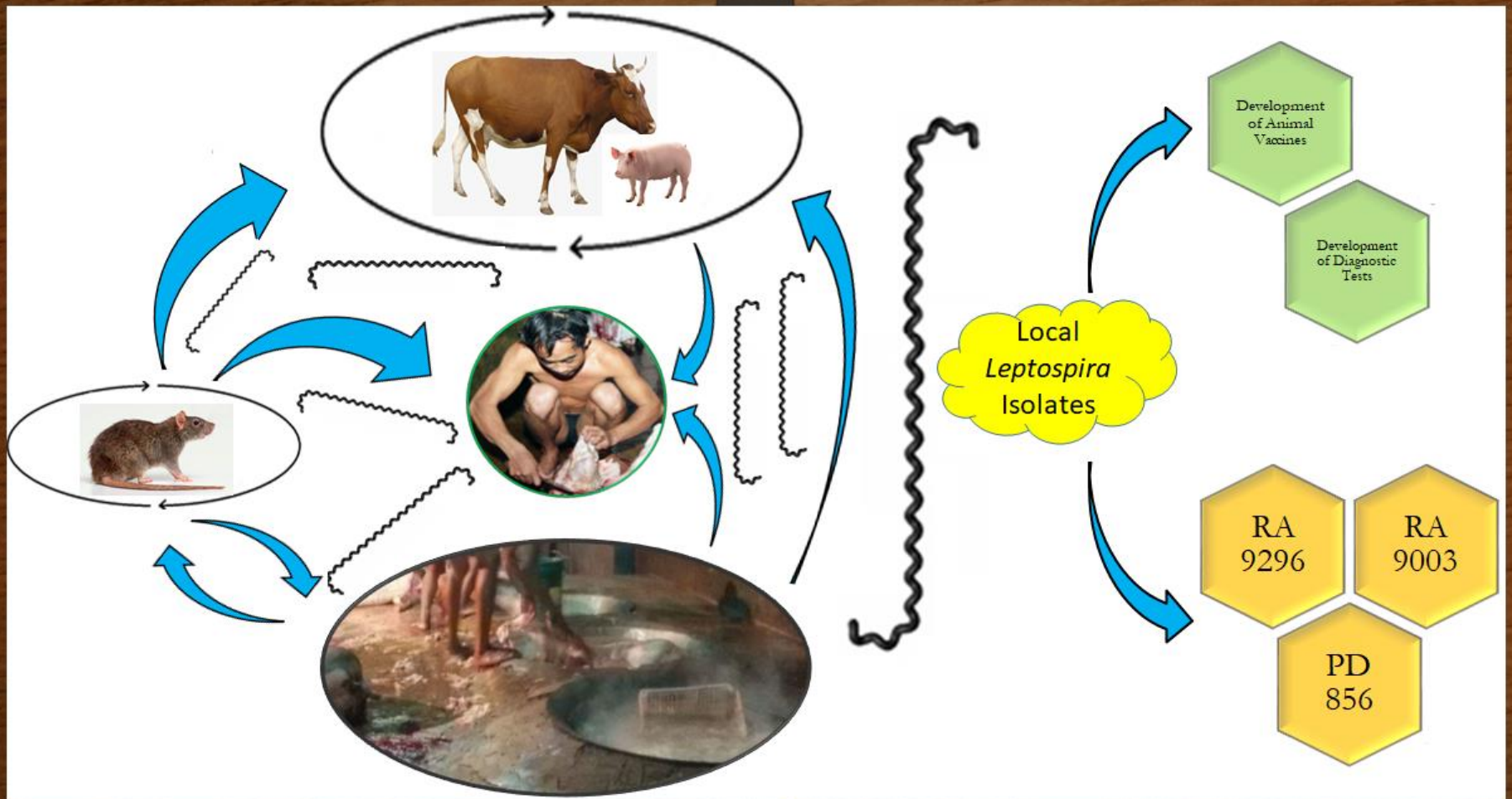
Contestant No. 2:

***Leptospira in human – abattoir -
environment interface***

Dr. Norbel A. Tabo

De La Salle University-Dasmaringas
Region IV-A





Contestant No. 3:

***Papaya and Guava Leaves Capsule:
Modern Native Platelet Count
Enhancer***

Dr. Holden Kirby M. Valdez

**Virgen Milagrosa University Foundation
Region I**



Papaya and Guava Leaves Capsules: *Modern Native Platelet Count Enhancer*

HOLDEN KIRBY M. VALDEZ
Proponent, R1HRDC



Dengue cases are **85 %** higher than in 2018.



Strengthen policies to initiate **drug discovery health researches**

Currently, **no specific treatment.**



Papaya and Guava Leaves significantly **increased platelet count**

#ResilientPhilippines
#StrengthenHealthResearchPolicies

Contestant No. 4:

Oplan Mos-Kill To

Dr. Miladis M. Afidchao
Isabela State University
Region II



Oplan GREEN *Alis-*

"MAXIMIZE THE UTILIZATION OF GUYABANO PLANT IN TREE PLANTING ACTIVITIES IN THE COUNTRY!!!"

PROBLEMS



Close to 1,000 dengue deaths recorded

3.4K

NEWS FLASH!!!
 DOH warns against Japanese Encephalitis, other mosquito-borne diseases this rainy season



DID YOU KNOW ???!!!

13 DISEASES BY MOSQUITOES

1. Malaria
2. Lymphatic filariasis
3. Yellow fever
4. West Nile fever
5. Dengue fever
6. Chikungunya
7. Zika fever
8. Ross River fever
9. Eastern Equine Encephalitis
10. Japanese Encephalitis
11. La Crosse Encephalitis
12. St. Louis Encephalitis
13. Western Equine Encephalitis

SOLUTIONS



INSECT REPELLENT



SUSTAINABLE SOLUTION!

Live Plant of Guyabano or Soursop (*Annona muricata*) found effective as Natural Mosquito Repellent!!!!



PLANTING GUYABANO DRIVES MOSQUITOES AWAY!!!

Plant Guyabano for better life!!!



- As Mosquito Repellent
- Better alternative tree planting material
- As Anti cancer
- Provide shades
- Reduces Levels of Blood Sugar
- Treats Liver Damage
- Cures Herpes
- Improves Immune System
- Eases Stress, Anxiety, and Depression
- Prevents Gastrointestinal Problems
- Makes Bowel Movement More Regular
- Has antibacterial properties
- Preserves Youthful Look
- Eases Gout Arthritis
- Many food products can be developed



Contestant No. 5:

***Tamarind rind as alternative treatment
for heavy metal poisoning***

Dr. Maria Cleofe Neri-Badang
University of the Immaculate Conception
Region XI





Formulated Tamarind (*Tamarindus indica L.*)

rind as alternative treatment for heavy metal poisoning



This study is funded by DOST-PCHRD through RHRDC XI

Maria Cleofe N. Badang, PhD
Pharmacy/Chemistry Program
UIC, Davao City

It also contains 1.4% pectin, as determined by FTIR

2. TR Lethal conc. (LC₅₀) is 2667.33 ppm, therefore non-toxic (Meyer, 1982; Clarkson, 2004). It was not found to contain Hg & Pb but it contains 15.00 ± 2.5 ppm Fe & trace amount of Cd, 0.020 ± 0.001 ppm

3. Capsule formulation follows USP specifications

4. Heavy metal removal in

Water : Hg > Pb > Cd (Fig. 3)

SGF : Pb > Cd > Hg (Fig. 4)

SIF : Hg > Pb; no Cd (Fig. 5)

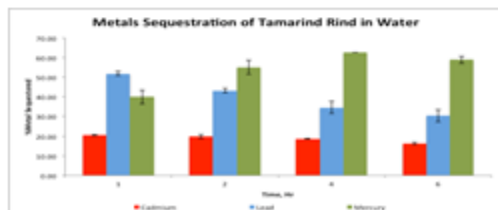


Fig. 3. Percent metal removed by ground TR in water. Error bars show std. dev. computed for 3 replicates

Facts

1. Prolonged exposure to small amounts of Cadmium (Cd), Lead (Pb) & Mercury (Hg) may lead to metal poisoning. Hg poisoning example in the Philippines include the 1993, Apokon case. (children bathing in rivers)
2. Lead & Cadmium can cause high blood pressure in adults
3. Lead poisoning can be passed on from the mother to the child & can cause mental retardation in children

Exposure

From toys, household chemicals/insecticides, smoking (Cd), agricultural chemicals, mining areas, battery industry, smelting, big fish

Available treatment for metal poisoning is Chelation therapy only, BUT..... Chelating agents such as DMSA, DMPS and EDTA are not only expensive, they are also harmful to our vital organs such as the liver and our kidneys!!!

Objectives

1. Physico-chemical characterization of tamarind rind (TR)
2. Ensure that TR is non-toxic
3. Formulate TR into 1000- mg caps dosage form accdg. to USP specs
4. Determine the metal removing capacity of TR in water; gastric & intestinal fluids (SGF & SIF)

Methodology



Results

1. HPLC analysis showed that TR contains 0.33% tartaric acid (TA), 0.041% citric acid (CA) & trace amt of oxalic acid (OA);

Conclusion

Tamarind rind can be used as alternative treatment for Pb and Hg poisoning in lieu of expensive and toxic chelating agents.

Recommendations

1. Propagation of tamarind especially in mining areas.
2. Continuing research efforts on this plant species.
3. Use of PPE in mining & related industries.

References:

Acharya, J., Sahu, J.N., Mohanty, C.R., Meikap, B.C. Removal of lead (II) from wastewater by activated carbon developed from Tamarind wood by zinc chloride activation. *Chemical Engineering Journal* 2008,

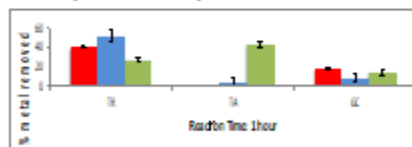


Fig. 4. Percent metal removed by formulated TR, 800 mg Tartaric acid (TA) & empty gelatin capsule (GC) in SGF

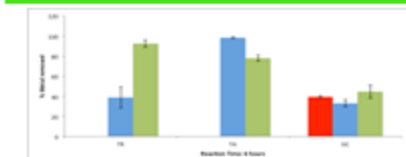


Fig. 5. Percent metal removed by formulated TR, 500 mg tartaric acid (TA) & empty gelatin capsule (GC) in SIF.

Contestant No. 6:

DemenTrack

Dr. Minnie B. Mamauag
MSU-Iligan Institute of Technology
Region X





DemenTrack

Development of an Internet-of-Things
Device for Tracking
Wandering Dementia Patients



Contestant No. 7:

***The Impact of Basic Emergency Obstetric
and Newborn Care (BEmoNC) Training in
the Referral System and Delivery of
Emergency Obstetric Care***

Dr. Ma. Elizabeth E. Loria-Torres
Bicol Medical Center
Region V

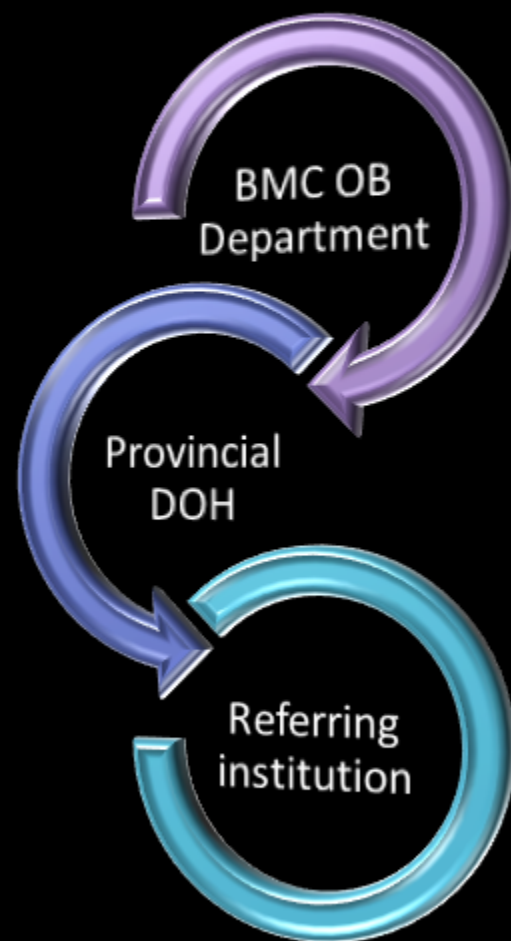
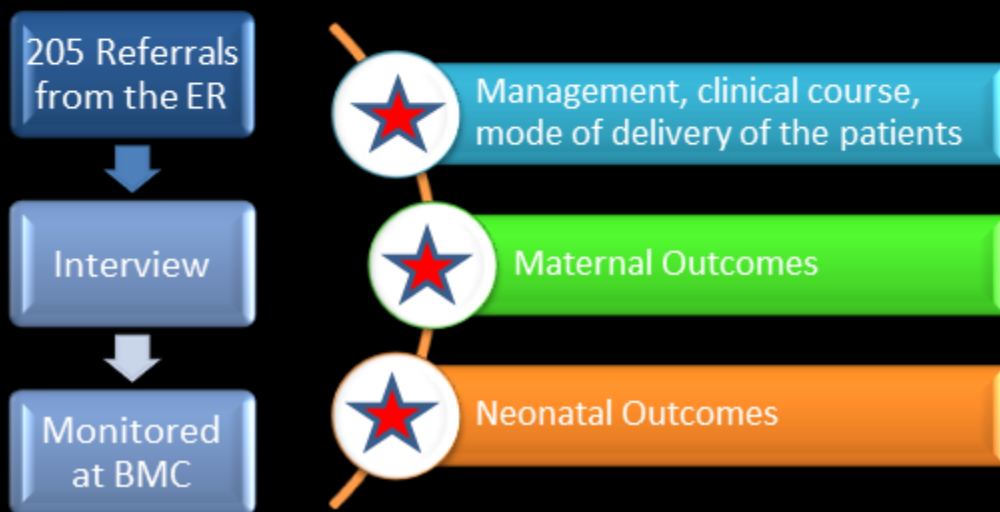


Every woman who gives birth has one foot on her grave.

BICOL REGION

102 maternal death per 100,000 live births
Camarines Sur highest for the past 5 years

Basic Emergency Obstetric and Newborn
Care Training was started in BMC



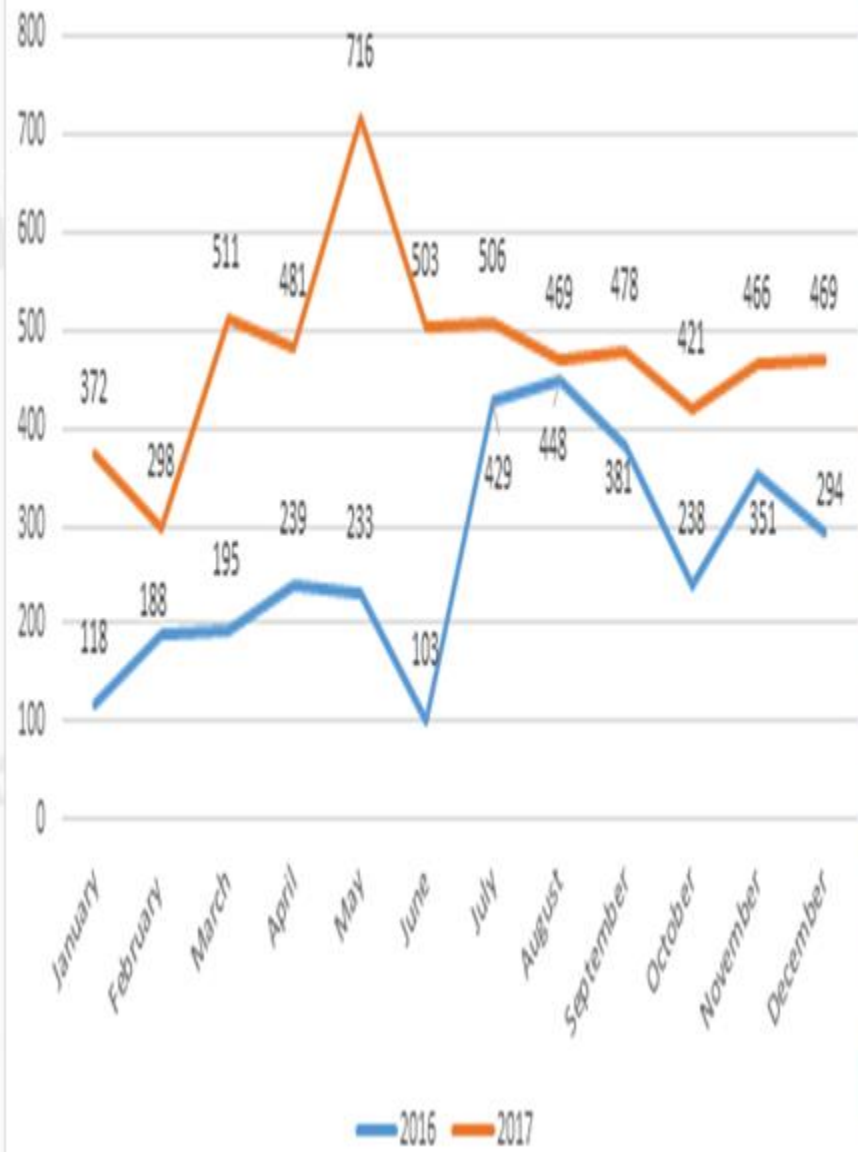
Contestant No. 8:

Animal Bite Patterns

Dr. Rachelle Garcia
Far Eastern University Manila
NCR



Animal Bite Pattern



Contestant No. 9:

***Reproductive Health in Rural-Poor
Municipalities: Challenges in Eastern
Visayas, Philippines***

Dr. Ginbert P. Cuaton
Leyte Normal University
Region VIII



#UPHOLDRHLAW

Reproductive Health in Rural-Poor Municipalities: Challenges in Eastern Visayas, Philippines

1. Barangay Health Workers (BHWs) lack stipend and are under threat of politicking
2. Hospitals lack medical personnel and refuse patients.
3. Budgetary Allocation to Barangay Health Services is Low
4. Supplies, Facilities and Equipment are lacking
5. Barangay Health Stations are at risk from natural hazards.
6. Proper and adequate information dissemination is lacking
7. Accessing services is difficult and expensive
8. Men hesitate to participate in FP and RH-related activities
9. Birthing referral system has no incentives.
10. Women continue to refuse in availing products and services



PNHRS



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

Contestant No. 10:

***Reproductive Health in Rural-Poor
Municipalities: Challenges in Eastern
Visayas, Philippines***

Dr. Jed V. Madlambayan
Republic Central Colleges
Region III





HIV and AIDS Knowledge, Attitude and Sexual Behaviors among Filipino Youth in Schools

Jed V. Madlambayan, Gloria B. Abrazado & Ralyn B. Rodriguez



KNOW

YOU CAN'T GET HIV VIA...

 KISSING	 HUGGING	 SHARING FOOD	 INSECT BITES
 TOILET SEATS	 BATHING	 SNEEZES AND COUGHS	 SWEAT

YOU CAN'T PREVENT HIV BY...

 WASHING AFTER SEX	 SEX WITH A VIRGIN	 PULLING OUT METHOD	 SPELLS AND HERBAL MEDICINE
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Condoms and PrEP used correctly and consistently **protect** you from **HIV** transmission during sex.

USING THE CONTRACEPTIVE PILL

ADVOCATE

Discrimination **FAULT** IRRESPONSIBLE
FEAR **AIDS** promiscuous **HOMO**
bad un **FAULTY** **AM** **PREJUDICE**
contag **DIS** **IN** **FAULT**
RRESPONS **FA** **promis**
uous **HOMO** ba **SHAME**
PR **DIS** **FA**
tion **FA** **FA**
IS **prom** **FA**
FUL **SHAME** **FA**
Discriminat **IRRESPONSIBL**
FEAR **AIDS** promiscuous **HOMO**

STOP STIGMA

PROTECT

 EDUCATION	 SUPPORT
 PREVENTION	 WORLD AIDS DAY

YOUTH: KNOW AIDS, STOP AIDS

Contestant No. 11:

Finding Meaning in Domestic Violence

Dr. Roselle Jardin-Ranario

Cebu Normal University

Region VII





finding meaning
IN DOMESTIC VIOLENCE

*Why should we be bothered by cases of women
being beaten by their husbands or partners?*

Roselle Jardin – Ranario

Professor

Department of Public Governance
Cebu Normal University



Contestant No. 12:

***Parenting Improvement: Learnings
from Letting Go and Moving On***

Dr. Louie P. Hijalda
University of San Agustin
Region VI



RECOGNIZE



RESPOND



REACTIONS



**Minding Healthy Minds:
A Call for a More
Responsive Action for All**



PITCH TO POLICYMAKERS

PEOPLE'S CHOICE AWARD VOTING



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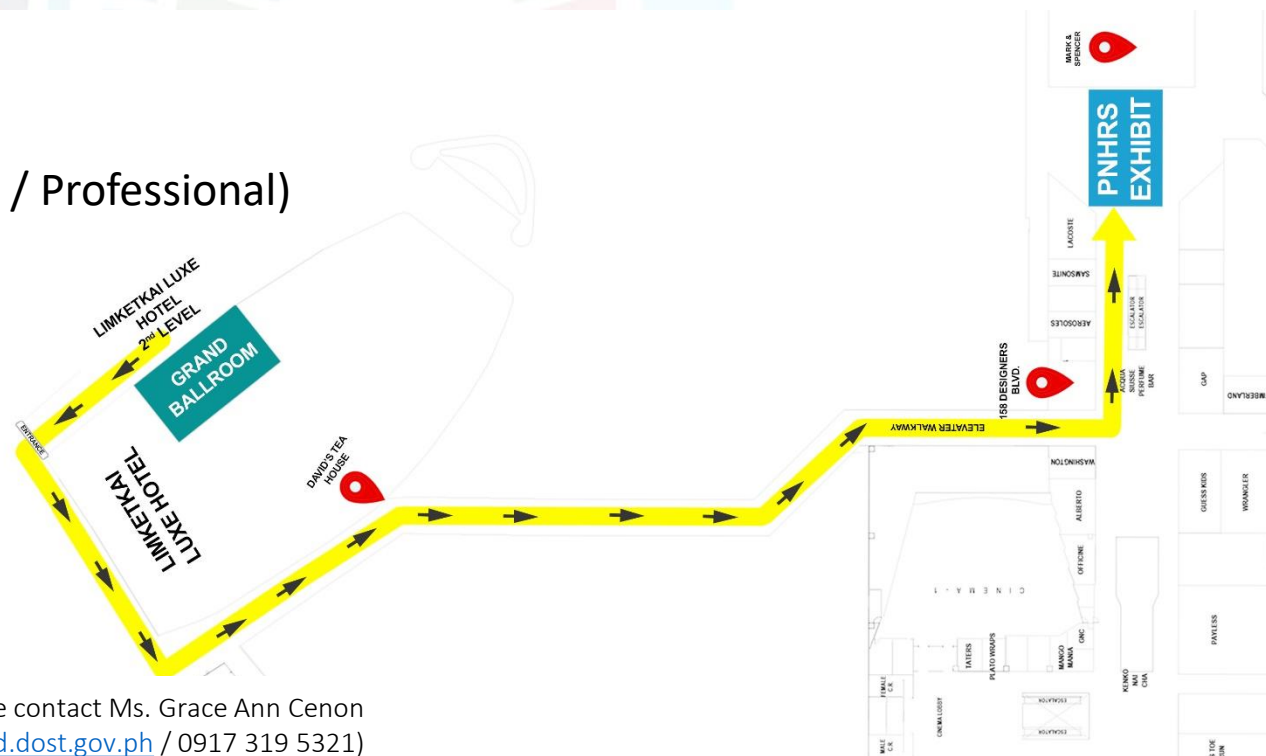
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**Dr. Benkassar A.
Abdurajak
(Region 9)
People's Choice
Award Winner**





Ginbert P. Cuaton (Region 8) **3RD Place**





Norbel A. Tabo (Region 4A) **2ND Place**





Jed V. Madlambayan

Region 3

1ST Place





3-Minute Pitch to Policymakers