

**National Assessment of the Research Capacity of  
Researchers, Research Institutions and Regional  
Research Consortia in the Philippines**

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Research capacity building is one of the main thrusts of the Philippine National Health Research System (PNHRS).

# Four pillars



- **Capacity building** is the upgrading of different human and institutional resources to improve conduct, analysis, and use of health research.
- **Capability building** specifically pertains to the upgrading of human abilities and competencies to improve the conduct of health research. (PNHRS, 2004)

# Capacity building efforts through 3 levels

- **Researchers** – scholarships, awards, research grants, trainings
- **Institutions** – e.g. trainings, twinning projects, research funding, acquisition of R&D equipment through Tuklas Lunas
- **Consortia** – e.g. logistics support, research funding, funding for agenda setting

Prior to 2004 Research Capacity was concentrated  
in National Capital Region (NCR)

(Capacity Building Monograph, 2004).

There was a need to strengthen the regional research capabilities outside the NCR and developing a critical mass of available qualified researchers throughout the country to perform health research activities.

This need prompted the PNHRS Capacity Building Committee (CBC) to develop tools to assess health research capacities.



These assessments will facilitate the designing of interventions that will be specific to the research capacity needs of the regional consortium.

Ultimately, this national assessment will help  
PNHRS to elevate the component institutions  
of the regional consortia to becoming  
**Centers of Excellence.**

# Framework for Assessment

## Development of the Tool

- Research capacity is assessed using the evaluation approach based on the human resource development plan of the PNHRS.

# Components of Human Resource Development Plan

(PNHRS Briefer, 2006)

- Agenda Setting, Research Design and Implementation
- Ethics
- Capacity Building
- Research Utilization
- Resource Mobilization
- Structure, Organization, Monitoring and Evaluation

# Tools

The assessment uses a results-based performance approach to determine whether the accomplishments (outputs and outcomes) justify the resource requirements (inputs and processes).

# Research Capacity Assessment

The areas for evaluation:

- Agenda setting, research design and implementation
- Ethics
- Capacity building
- Research utilization
- Research mobilization
- Structure, organization, monitoring and evaluation.

# Tools

- Researcher assessment form (RAF)

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- Research institution capacity assessment form (RICAF)

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- Research consortium capacity assessment form (RCCAF)

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Each form consist of two parts:

- PART I- Research Capacity DATA
- PART II – Research Capacity SELF ASSESSMENT



## **AREAS OF SELF-ASSESSMENT (with percentage weights)**

- Agenda Setting, Research Design and Implementation (15%)
- Ethics (15%)
- Capacity Building (20%)
- Research Utilization (20%)
- Research Mobilization (10%)
- Structure/Organization, Monitoring and Evaluation (20%)

# SCORING

0 - PROVISION OR ITEM IS NOT MET OR NOT OBSERVED

1 - PROVISION OR ITEM IS PARTIALLY MET  
IMPROVEMENT/S IS/ARE RECOMMENDED.

2 - PROVISION OR ITEM IS OBSERVED OR  
SATISFACTORILY MET. NO SIGNIFICANT MODIFICATION  
NEEDED AT THE MOMENT

# SCORING PROCEDURE

1. Compute for the sum of the scores in each item and divide by the perfect score for that area.
2. Multiply this by the assigned percentage weight.
3. Compute for the sum of the percentage scores for all areas.

e.g.  $8/16 \times 100\% \times 0.15 =$  percentage score for the evaluation area

## **CATEGORIZATION:**

- Level III- EXCELLENT (85-100%)
- Level II- GOOD (70-84%)
- Level I- FAIR (51-69%)
- Level 0- POOR (50% and below)

## Level III- EXCELLENT (85-100%)

This level indicates a fully functional and mature research institution which has realized or is currently realizing its mission and objectives through systematic governance and administration.

## Level II- GOOD (70-84%)

The research institution is currently on the way to achieving its mission and objectives with adequate governance and administrative policies. Congruence in all areas and collaborative work are evident.

## Level I- FAIR (51-69%)

The research institution is still at its infancy as far as its health research capabilities are concerned but with clear cut mission and objectives.

## Level 0- POOR (50% and below)

This level indicates serious gaps in most if not all areas evaluated and indicates suboptimal performance of the research institution in general.



# NTTCHP

- Commissioned by PCHRD to undertake the data collection, processing and analysis of this project
- To develop a database for researchers, institutions and consortia to facilitate monitoring of capacities

# Survey Objectives

## General Objective:

To determine the research capacities of regional consortia, institutions and researchers engaged in health research in the Philippines.

# Survey Populations

- Include all known health researchers, research institutions and consortia in the Philippines who meet the inclusion/exclusion criteria
- No sampling will be done
- The initial list of these entities will come from the data base of PCHRD, but augmented as the study progresses
- It is envisioned that by the start of this survey, all regional consortia shall be functional

# Survey Population

Consortium Inclusion criteria:

The consortium of health research institutions and other partners in the region established in coordination with PCHRD. It is envisioned that all regions will have established its own regional consortium by that time of study.

# Survey Populations

## Institutions Inclusion criteria:

- Research institutions refer to the academic institutions teaching health-related courses including hospital-training institutions and other private and government entities that conduct health-related researches.

# Exclusion criteria

- Research institutions conducting health researches that do not wish to coordinate with PCHRD or participate in PCHRD's capacity development programs.

# Survey Populations

## Researchers Inclusion Criteria:

- Any individual affiliated with the qualified institutions who is expected to conduct health researches as part of their work
- Independent health researchers, not affiliated with a qualified research institution, but who have completed at least one health research project in the last 10 years

# Exclusion Criteria

Not actively participating or not interested in  
PCHRD's research capacity development  
programs



# Data Collection

## Two approaches

- Hard copies of forms sent to researchers and institutions.
- Completed forms to be returned to NTTCHP
- Data will be uploaded by NTTCHP to the database.

# Data Collection

## Approach 2

- On-line version of the questionnaires
- A manual for accessing and registering into the database and filling up the forms will be created.
- Respondents enter answers directly into the database.

# Data Collection

- Documents for verifying the entries in the forms will be requested from the respondents.
- Examples of these documents are curriculum vitae of researchers or memorandum of agreements for research projects.

# Data Collection

The research team will conduct field visits to all the regions. The purposes of the visits are the following:

- to follow-up on the submission of forms to decrease non-response rate
- to determine if there are other qualified respondents in the regions that are missed
- to verify information in the submitted forms

# In ending...

- Report on status of survey...
- Acknowledgements...
- Call for participation...

- Thank you for listening.